

**Gilbert Healton** **REMOTE PREFERRED** [resume24@healton.net](mailto:resume24@healton.net)  
<https://www.linkedin.com/in/ghealton/>  
 Perl-5, C, Linux with strong mentoring, planning. **SEE** <https://resume.healton.net>

Multii-language team software engineer. Now strongest in Perl, C, shell commands, SQL. Linux and UNIX. History of Template Toolkit, HTML, JavaScript, Apache, TCP/IP, networking, Git, and SVN. Very strong design, mentoring, documentation. Great customer support.

- Arenas:**  
 Remote work ●●●●  
 Back ends ●●●●  
 Telcom ●●●●  
 Net Security ○●●●
- Hard Skills:**  
 Coding ●●●●  
 Analyst ●●●●  
 Design ●●●●  
 Documents ●●●●  
 Debugging ●●●●  
 2038 Bug fix ●●●●
- Networking:**  
 ssh, rsync, dev/tcp ○●●●  
 TCP/IP sockets ○●●●  
 Message queues ○●●●
- Soft Skills:**  
 Detail attention ●●●●  
 Life Learning ●●●●  
 Legacy Apps ●●●●  
 Mentoring ●●●●  
 Patience ●●●●  
 Large Projects ●●●●  
 Support T3 ●●●●
- OS Development:**  
 Linux distros ○●●●●  
 Red Hat+ ○●●●  
 Debian+ ○●●●  
 Ubuntu+ ●●●●  
 Windows ○●●●
- Languages:**  
 C ●●●●●  
 dbx debug ●●●●  
 gdb debug ○●●●  
 Perl 5 to 5.26 ●●●●●  
 Perl::Critic ●●●  
 Packaging ●●●●  
 Test::More ●●●●  
 Template ○○●●  
 Shells ●●●●●  
 UNIX CLI ●●●●●  
 XML ●●●●

**2021**  
**2013-2015 rif**  
**1996-2000**  
 C, Perl – OO, mod\_perl, Linux, Rhel, Solaris, High vol. Networks. Apache HTML/CSS REST APIs Daytona, Cymbal, SQL.

**Backend software developer Compliance. Middletown via DXC.**  
 ✓ On migration of local disk to cloud rework reporting apps to use Azure rather than on-premise disks storage.  
 ✓ Help support another on-premise app on reorganizing disks getting full to keep app running.

**Backend software developer–cell tower reporting via Insys**  
 ✓ Help re-platform application from Solaris to Linux.  
 ✓ Consolidated petabyte/month cell tower feeds into smaller feeds for network engineers.  
 ✓ Improved performance of applications.  
 ✓ DevOps tools to configure and monitor server apps..  
 ✓ Cross platform language and data migrations.

**Perl / C developer – custom work and Y2K lead**  
 ✓ Completed multiple C projects in internal consulting unit.  
 ✓ Y2K tech lead for AT&T Labs self-maintained software.  
 ✓ Leanest Y2K division with first Y2K web server in AT&T.

**2020-08 to 2021-06**  
 bash, zsh, C, perl, lua. AWS (AL1, Athena SQL, builds, ...) github, git, Mercurial (hg, Fisheye, Bamboo).

**Software Developer – SMD Delivery – ESP Remote.**  
 Working on cloud based SMTP engine.  
 ✓ Feature improvements written in C and Lua. Perl tests.  
 ✓ Document processes and on boarding processes.  
 ✓ Use Circonus graphs to analyze failures.  
 ✓ Use git and Mercurial tools for reviews and source management.  
 ✓ “Interrupt Team” duties included 24x7 on-call duties, staring build pipelines, responding to problems & requests.

**2020-03 to 2020-08 EOC**  
 bash, ksh, csh, RHEL Oracle, perl, AutoSys shell Scripts, PowerCenter

**Shell Developer – back end – energy sector DXC Technology. Remote multinational.**  
 Migrating large distributed AIX applications to Linux.  
 ✓ Quickly migrated scripts from suite with the most scripts.  
 ✓ Writing scripts to scan and automate code changes.  
 ✓ Bringing automated tests to environment without any.  
 ✓ Documenting and mentoring. Valuable onboarding docs.

**2019-05 to 2019-09 RIF**  
 Atlassian, mod\_perl git, Oracle, distributed

**Senior perl back end developer Aveda rewards**  
 Estée Lauder Aveda brand, Remote (NY) via W3Global  
 ✓ Researched and fixed bugs in MVC perl gem and templates.  
 ✓ Worked with external RESTful JSON API with PostMan.  
 ✓ Proposed API changes to stop painfully expensive issues.  
 ✓ Wrote tool to very efficiently extract information from logs.

app, REST.		
<b>2016/2019-04 contract end. 2011/2013 CE</b> Agile/Jira Big codebase C, SOAP, git Bitbucket, Oracle SQL, Perl, perl critic, REST, Remote team	<b>Back end developer – high volume Point Of Sale</b> Verizon Wireless, Piscataway, NJ via Datanomics <ul style="list-style-type: none"> <li>✓ Enhancements, maintenance, and bug fixes, on over a dozen server applications.</li> <li>✓ Tools for reporting and quickly analyzing/solve problems.</li> <li>✓ Reduced logged activation errors by order of magnitude.</li> <li>✓ T3 Support of internal and public customers.</li> <li>✓ Worked with and guided local &amp; offshore team members.</li> <li>✓ Reduced problems in warehouse billing by \$100K/year.</li> <li>✓ Mentor new BE developers.</li> </ul>	<b>Agile:</b> Confluence ●● Jira ●●● <b>Database:</b> SQL ●●●● Oracle SQL ●●●● MySQL ○○○●● SQL Server ○○● Postgres ○○● Others ○○ Daytona ○○● DBMS <b>Source Control:</b> Accurev ●●●● cvs ○●● Git ○○● rcs ○●● sccs ○○○● GitLab & Gitbucket ○○● <b>Web:</b> Apache ○●●● cgi-bin ○●●● HTML4/CSS2 ○○●● HTML5/CSS3 ○ JavaScript ○○○● JQuery ○● <b>Offshore Teams:</b> European India <b>Education:</b> Cal-State Fullerton (CS) Fullerton College (EE) <b>Hobbies Include:</b> Working with hand and power tools Learning Linux Programming Science Reading (SF and more) <b>Personal:</b> Freehold, NJ 07728
<b>2016 &amp; 2006/2007 rif</b> Agile/Jira, git JavaScript, JSON DOM Linux+admin Perl - OO HTML/CSS PHP, MVC, C MySQL Remote team SNMP/MIB/OID	<b>PHP/Perl developer – business VOIP support</b> Vonage, Holmdel, NJ via SmartLink <ul style="list-style-type: none"> <li>✓ Integrated recently acquired PHP app into Vonage ecosys.</li> <li>✓ Enhanced legacy perl app nobody else wanted to touch.</li> <li>✓ Notes grew to “amazing” documentation for new hires.</li> </ul> <b>Network Management Software and reports w/perl</b> <ul style="list-style-type: none"> <li>✓ Part of NMS team improving existing and custom network monitoring software for improving performance.</li> <li>✓ SNMP to discover OIDs of new devices on network.</li> <li>✓ Research newly device types for MIMs and start monitor.</li> <li>✓ Apache CGI to produce interactive reports. JavaScript.</li> </ul>	
<b>2008/2011</b> Windows, Linux, Solaris, Apache mod_perl HTML, Perl, JavaScript SQL: Oracle, MySQL, shell, XML, VMware, CI	<b>Perl FootPrints dev. for Professional Services</b> Numara Software, Edison NJ via Consultis of Tampa <ul style="list-style-type: none"> <li>✓ Perl software for Help Desk, Service Desk, and more.</li> <li>✓ Sales support. Minor to major enhancements to oo-perl FootPrints product. Merged most customizations.             <ul style="list-style-type: none"> <li>◆ Used Test::More to make regression tests.</li> <li>◆ Fixed critical sev-1 issues major customers.</li> </ul> </li> <li>✓ Provide crisis support to Software Development and Support departments for urgent and critical problems.</li> <li>✓ Estimated effort for customization requests &amp; SOWs.</li> </ul>	
<b>2007</b> Linux, Apache HTML JavaScript Perl / DBI / mod_perl.	<b>Perl Developer SaaS :</b> Cheetahmail, NYC <ul style="list-style-type: none"> <li>✓ Developed front-end and back-end software for new mailing GUI and some work on back-end processors. CI.</li> <li>✓ Used home-grown MVC class and DBI class to Oracle DB.</li> <li>✓ Enhanced and documented Template Toolkit templates.</li> </ul>	
<b>2004/2006</b> C, CI, Perl OO Apache mod_perl APIs SQL, DDLs	<b>Perl Developer for IPSonar Network Security</b> Lumeta Corp – Somerset NJ <ul style="list-style-type: none"> <li>✓ Primarily back-end OO-perl and shell scripts notable C operations. Some C and front-end JavaScript.</li> <li>✓ Reduced response time with mod_perl fauthorization.</li> <li>✓ Distributed serialized perl objects over LWP for processing.</li> </ul>	